Index of Claims

| Application No. | Applicant(s) |  |  |  |  |
|-----------------|--------------|--|--|--|--|
| 09/811,549      | KAWAI ET AL. |  |  |  |  |
| Examiner        | Art Unit     |  |  |  |  |
| Mary Cheung     | 3694         |  |  |  |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|          |   | _                                     |  |          |              |                                       | J                                      |              |                                     |          |
|----------|---|---------------------------------------|--|----------|--------------|---------------------------------------|--|--------------|-------------------------------------|----------|
| Cla      | aim   | Date                                  |  |          |              |                                       |  |              | _                                   |          |
| Final    | Original  | 8/26/03                               | 4/2/04                                 | 10/28/04 | 1/14/05      | 6/15/05                               | 4/26/06                                | 10/11/06     |                                     |          |
|          | 1   | V                                     | 7                                      | +        | 7            | V                                     | 7                                      | -            | $\vdash$                            | П        |
|          | 2   | V                                     | Ì                                      | +        | ⋾            | Ì                                     | Ţ                                      | -            |                                     |          |
|          | 3   | V                                     | V                                      | +        | 7            | V                                     | V                                      | -            |                                     | П        |
|          | 4   | ✓                                     | 7                                      | +        | >            | √                                     | √                                      | -            |                                     |          |
|          | 5   | ✓                                     | √                                      | +        | 7            | √                                     | ✓                                      | -            |                                     |          |
| 1        | 6   | ✓                                     | ✓                                      | +        | ✓            | √                                     | 0                                      | =            |                                     | Ш        |
| 2        | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>33<br>33<br>33<br>34<br>35<br>36<br>37<br>37<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | +        | ンソンソンソンソンソン  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | =            | L.                                  | Ц        |
| 3        | 8   | Ϋ́                                    | √                                      | +        | ¥            | V                                     | 0                                      | =            | <u> </u>                            | Ш        |
|          | 9   | √,                                    | Ý                                      | +        | Ϋ́           | Á                                     | Ϋ́                                     | -            | <u> </u>                            | Щ        |
| <u> </u> | 10  | 1                                     | Ý                                      | +        | 1            | √,                                    | 1                                      | Ŀ            | _                                   |          |
|          | 11  | 1                                     | Ϋ́                                     | +        | <b>√</b>     | <b>√</b>                              | 1                                      | -            | ┝                                   | Н        |
| <u> </u> | 12  | \<br>/                                | ٧                                      | +        | <u>۷</u>     | V /                                   | 1                                      | ┝╌           | ⊢                                   |          |
| <u> </u> | 1/  | 1                                     | V                                      | +        | ·/           | V /                                   | V                                      | -            | _                                   | H        |
| <u> </u> | 15  | 7                                     | ·/                                     | +        | ·/           | ./                                    | 7                                      | <del>-</del> | ├-                                  | $\vdash$ |
|          | 16  | 1                                     | \<br>\<br>\                            | +        | \ <u>\</u>   | ./                                    | 1                                      | -            | -                                   |          |
|          | 17  | Ĭ                                     | V                                      | +        | Ť            | √<br>√                                | 1                                      | ١.           | ┢                                   |          |
|          | 18  | Ť                                     | _                                      | +        | -            |                                       | Ť                                      |              |                                     |          |
|          | 19  |                                       |  |          |              |                                       |  |              | _                                   |          |
|          | 20  |                                       |  |          |              |                                       |  | Г            |                                     |          |
|          | 21  |                                       |  |          |              |                                       |  |              |                                     |          |
|          | 22  |                                       |  |          |              |                                       |  |              |                                     |          |
|          | 23  |                                       |  |          |              |                                       |  |              |                                     |          |
|          | 24  | L                                     |  |          |              |                                       |  |              |                                     |          |
|          | 25  | $oxed{oxed}$                          |  |          |              |                                       |  |              |                                     |          |
|          | 26  | _                                     |  |          |              |                                       | L.,                                    |              | <u> </u>                            | Ш        |
|          | 27  |                                       |  |          |              |                                       |  |              | L                                   | Ш        |
|          | 28  | <u> </u>                              |  |          |              | <u> </u>                              | _                                      |              | <u> </u>                            | Ш        |
|          | 29  | -                                     |  |          |              | <u> </u>                              |  |              | <u> </u>                            | $\vdash$ |
|          | 30  | $\vdash$                              |  |          |              | -                                     |  | _            |                                     | Н        |
|          | 32  |                                       |  |          |              | -                                     |  |              | -                                   | Н        |
|          | 33  | -                                     | _                                      |          |              |                                       |  | -            | <del> </del>                        | $\vdash$ |
|          | 34  | -                                     |  |          | -            |                                       |  |              | -                                   | Н        |
|          | 35  |                                       |  |          |              |                                       | _                                      |              | _                                   | $\vdash$ |
|          | 36  |                                       |  |          |              |                                       |  | _            | $\vdash$                            | П        |
|          | 37  |                                       |  |          |              |                                       |  |              |                                     | П        |
|          | 38  |                                       |  |          |              |                                       |  |              |                                     | П        |
|          | 39  |                                       |  |          |              |                                       |  |              |                                     |          |
|          | 40  |                                       |  |          |              |                                       |  |              |                                     |          |
|          | 41  | $\Box$                                |  |          |              |                                       |  |              |                                     | Ш        |
| L        | 42  | Щ                                     |  |          | $oxed{oxed}$ | $\sqcup$                              |  |              | <u> </u>                            | Ш        |
|          | 43  | $\sqcup$                              |  |          | $\Box$       | Щ                                     |  | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц        |
|          | 44  | Щ                                     | Щ                                      |          | Щ            | Щ                                     |  |              | <u> </u>                            | Ш        |
|          | 45  |                                       |  |          | Ш            | Щ                                     |  | L.,          | ļ                                   | Щ        |
|          | 46<br>47  | $\vdash$                              | $\vdash$                               |          |              | $\vdash$                              |  | _            | H                                   | $\vdash$ |
|          | 48  | $\vdash$                              | $\dashv$                               | _        | $\vdash$     | Н                                     | -                                      |              | -                                   | Н        |
|          | 49  | $\vdash \vdash$                       | $\dashv$                               | $\dashv$ | -            | Н                                     | $\dashv$                               |              | $\vdash$                            | Н        |
| $\vdash$ | 50  | $\vdash$                              |  | -        |              | $\dashv$                              | $\vdash$                               | _            | $\vdash$                            | Н        |
|          | JU  |                                       |  |          |              |                                       |  |              |                                     | i J      |

|          |           |          |  |              |          |              |  |              |  | _              |
|----------|-----------|----------|--|--------------|----------|--------------|--|--------------|--|----------------|
| Cla      | im        | _        |  | _            | [        | Date         | <u>e</u>   | _            |  | _              |
| Final    | Original  |          |  |              |          |              |  |              |  |                |
|          | 51        |          |  |              |          |              |  |              |  |                |
|          | 52        |          |  |              |          |              |  |              |  |                |
|          | 53        |          |  |              |          |              |  |              |  |                |
| <u></u>  | 54        |          | _  |              |          |              | <u> </u>   | _            | L  | Ш              |
|          | 55        |          | _  |              |          |              | _  |              | L  | Ш              |
|          | 56        |          | _  | <u> </u>     |          |              |  |              |  | Ш              |
|          | 57        | ļ        | ļ  | <u> </u>     | <u> </u> |              | <u> </u>   | _            | <u> </u>   | Н              |
|          | 58        |          | <u> </u>   |              |          | _            | <u> </u>   | <u> </u>     | _  | Н              |
|          | 59<br>60  |          | -  | <del> </del> |          |              | ├-   | _            | _  | Н              |
|          | 61        | -        | <u> </u>   |              |          | -            | _  | <u> </u>     | -  | H              |
|          | 62        | ┝        |  | <del> </del> | _        | -            | ├  |              | ├─   | Н              |
|          | 63        | $\vdash$ | $\vdash$   |              |          |              | $\vdash$   | ├─           | $\vdash$   | Н              |
|          | 64        | ┪        | <del>                                     </del> |              |          | -            | <del>                                     </del> | $\vdash$     | -  | Н              |
|          | 65        |          |  |              |          |              |  |              |  | П              |
|          | 66        |          |  |              |          |              |  | Г            |  | П              |
|          | 67        |          |  |              |          |              |  |              |  |                |
|          | 68        |          |  |              |          |              |  |              |  |                |
|          | 69        |          | _  |              |          |              |  |              |  | Ш              |
| <u> </u> | 70        |          | _  |              |          |              | <u> </u>   |              | <u> </u>   | Ш              |
| <u> </u> | 71        |          | _  |              | L        | L_           | <u> </u>   | <u> </u>     | _  | Ш              |
| -        | 72        |          | <u> </u>   |              |          |              | L  | _            | _  | Н              |
|          | 73<br>74  |          | $\vdash$   | ┝            | -        | ├            | ├-   | _            | <u> </u>   | -              |
| -        | 75        |          | -  |              |          | ├            | ⊢  | $\vdash$     |  | Н              |
|          | 76        | _        | -  | ┝            | _        | ┝╴           | -  | -            | $\vdash$   | Н              |
|          | 77        | -        |  |              |          | $\vdash$     | $\vdash$   |              | $\vdash$   | Н              |
|          | 78        |          |  |              |          |              |  |              |  | П              |
|          | 79        |          |  |              |          |              |  |              |  | П              |
|          | 80        |          |  |              |          |              |  |              |  |                |
|          | 81        |          |  |              |          |              |  |              |  |                |
|          | 82        |          |  | <u> </u>     |          | $oxed{oxed}$ |  |              |  |                |
|          | 83        |          | <u> </u>   | <u> </u>     |          | ldash        | L.   |              | <u> </u>   | Ш              |
|          | 84        | _        | <u> </u>   | <u> </u>     | _        | _            |  | _            | _  | Ш              |
| -        | 85        | _        |  |              | _        | -            | <u> </u>   | _            | _  | $\vdash$       |
| -        | 86<br>87  | _        |  | ├            | _        | -            | -  |              | -  | H              |
|          | 88        | -        |  | -            |          |              | ┢  | _            | -  | $\vdash\vdash$ |
| -        | 89        |          |  |              |          | -            | -  | _            | <del>  -</del>                                   | H              |
|          | 90        | $\vdash$ |  |              |          |              |  |              | <del>                                     </del> | Н              |
|          | 91        |          |  |              | Т        | П            | $\vdash$   |              | Γ  | $\sqcap$       |
|          | 92        |          |  |              |          |              |  |              |  |                |
|          | 93        |          |  |              |          |              |  |              |  |                |
|          | 94        |          | L  |              |          |              |  |              |  | Ш              |
|          | 95        | <u> </u> | <u> </u>   | Ш            |          |              | <u> </u>   | $oxed{oxed}$ | L.   | Ш              |
| $\vdash$ | 96        | -        |  |              |          |              | L.,  |              | <u> </u>   | Щ              |
| $\vdash$ | 97        | -        | <u> </u>   | <u> </u>     |          |              |  |              | L.   | Ш              |
| $\vdash$ | 98        |          | <u> </u>   | $\vdash$     |          | Н            | -  |              |  | Н              |
| $\vdash$ | 99<br>100 |          |  | <u> </u>     |          |              | -  | _            | $\vdash$   | $\vdash$       |
| لـــا    | 100       |          | Ш  | لـــا        | ш        | لا           | _  |              |  | Ш              |

| CI    | Date                     |              |              |          |              |            |              |              |          |          |
|-------|--------------------------|--------------|--------------|----------|--------------|------------|--------------|--------------|----------|----------|
| Claim |                          | $\vdash$     |              |          |              | Jak        | _            |              | _        | $\dashv$ |
| Final | Original                 |              |              |          |              |            |              |              |          |          |
|       | 101                      |              |              |          |              |            |              |              |          |          |
|       | 102                      | _            | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>     | _            |          | Ш        |
|       | 103                      | <u> </u>     | <b> </b>     | <u> </u> | -            | <u> </u>   | <u> </u>     | <u> </u>     | L        |          |
|       | 104                      | <del> </del> | -            | ├        | -            | ⊢          | ├            | ⊢            | -        | $\vdash$ |
|       | 105                      | <del> </del> | _            | ⊢        | $\vdash$     | ⊢          |              | $\vdash$     | H        | -        |
|       | 106<br>107               | ┢            | <u> </u>     | -        | ┝            | $\vdash$   | -            | ┝            |          | -        |
|       | 108                      | $\vdash$     | ┢            | H        |              | ┢          | $\vdash$     | $\vdash$     |          | $\dashv$ |
|       | 109                      |              |              |          |              | $\vdash$   |              |              |          |          |
|       | 110                      |              |              |          |              |            |              |              |          |          |
|       | 110<br>111<br>112<br>113 |              |              |          |              |            |              |              |          |          |
|       | 112                      |              | $oxed{oxed}$ | L        | <u> </u>     | _          |              |              | L        | Ш        |
|       | 113                      |              | <u> </u>     |          | L            | _          | _            |              | ldash    | Ш        |
|       | 114<br>115               | <u> </u>     | <u> </u>     | ļ        |              | <u> </u>   | <u> </u>     | _            | <b> </b> | Щ        |
|       | 116                      | $\vdash$     | ┢            | H        | <del> </del> | <u> </u>   | <u> </u>     |              | $\vdash$ | Н        |
|       | 117                      | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     |              |          | Н        |
|       | 117<br>118               |              |              |          | $\vdash$     |            | $\vdash$     |              |          | _        |
|       | 119                      | Г            |              |          |              |            |              | Г            |          |          |
|       | 120<br>121               |              |              |          |              |            |              |              |          |          |
|       | 121                      |              |              | <u> </u> |              |            |              |              |          |          |
|       | 122                      | <u> </u>     |              |          | _            | _          | L            |              | _        |          |
|       | 123<br>124               |              | <u> </u>     |          |              | <u> </u>   | <u> </u>     | _            |          | Н        |
|       | 124                      | $\vdash$     | ┢            | $\vdash$ | <u> </u>     | ┝          | ├            | ├─           | -        | -        |
|       | 125<br>126               | ┢            | -            | -        | -            |            | <del> </del> | $\vdash$     | -        | Н        |
|       | 127                      |              | <u> </u>     |          | -            |            | <u> </u>     | H            |          |          |
|       | 128                      | Г            |              |          | Г            |            |              |              |          |          |
|       | 128<br>129               |              |              |          |              |            |              |              |          |          |
|       | 130                      |              |              |          |              |            |              |              |          |          |
|       | 131                      | _            | _            |          | <u> </u>     | <u> </u>   |              | <u> </u>     | _        |          |
|       | 132                      |              | <u> </u>     |          | _            | L          | _            |              |          | Н        |
|       | 133<br>134               | <u> </u>     | $\vdash$     | <u> </u> | _            |            | <u> </u>     | L            | $\vdash$ | Н        |
|       | 135                      | -            | -            | -        | Ι            |            | -            | <u> </u>     | -        | $\vdash$ |
|       | 136                      |              | -            | Н        | $\vdash$     | _          | Н            |              |          | Н        |
|       | 137                      |              |              |          |              |            |              |              |          | П        |
|       | 138                      |              |              |          |              |            |              |              |          |          |
|       | 139                      |              |              |          |              |            |              |              |          |          |
|       | 140                      |              |              |          | L            | _          |              | $oxed{\Box}$ |          | Ш        |
|       | 141                      |              | <u> </u>     | L        | _            | lacksquare |              | L            |          | Щ        |
|       | 142                      | _            |              | H        | _            | _          |              | $\vdash$     | Щ        | Н        |
|       | 143<br>144               |              | <u></u>      | -        |              | -          |              |              | $\vdash$ |          |
|       | 145                      | H            | H            |          | -            | -          | $\vdash$     | $\vdash$     | Н        | $\dashv$ |
|       | 146                      |              | -            |          |              |            |              |              | H        | $\dashv$ |
|       | 147                      |              | Т            |          | Т            |            | Т            |              | $\vdash$ |          |
|       | 148                      |              |              |          |              |            |              |              |          |          |
|       | 149                      |              |              |          |              |            |              |              |          |          |
|       | 150                      |              |              |          |              |            |              |              |          |          |
|       |                          |              |              |          |              |            |              |              |          |          |